

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("7043797").PN.	USPAT	OR	OFF	2008/10/22 13:06
L2	8	(user near authenticat\$3) with (restraint\$1 or hinge\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/22 13:28
L3	0	(user near authenticat\$3) and "267"/\$.ocls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/22 13:31
L4	40525	(user near authenticat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/22 13:31
L5	864	(user near authenticat\$3) with (open \$3 or clos\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/22 13:31
L6	78	((user near authenticat\$3) with (open \$3 or clos\$3)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/22 13:32
L22	0	(hinge near glove).ti. and cau-p\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/22 15:08
L23	6	(hinge near glove).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/22 15:08
L24	2	"19834305"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/22 15:15
L25	8	nusskern-h\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/22 15:15
L26	986	188/265.ocls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/22 16:14
L27	24	26 and hinge\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/22 16:14
S1	87051	(ogawa-t\$ or suzuki-m\$).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/17 14:35

S2	147	S1 and (shape near memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/17 14:35
S3	21	S1 and ((shape near memory) with spring\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/17 14:35
S4	48	(shape near memory) with spring with friction\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/17 14:39
S5	1	("6840700").PN.	USPAT	OR	OFF	2008/10/17 14:48
S6	16	("3039800"   "3576055"   "3886700"   "3986311"   "4035007"   "4296955"   "4671698"   "4832382"   "4842438"   "5197720"   "5433549"   "5464258"   "5858020"   "6257593"   "6530564").PN. OR ("6840700").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/17 14:53
S7	65	(spring with length with (increas\$3 or decreas\$3) with friction\$3 with (torque or rotation\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/17 14:58
S8	18	(spring with length with (increas\$3 or decreas\$3) with friction\$3 with (torque or rotation\$3) with (shaft or rod))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/17 14:59
S9	1	(spring with length with (increas\$3 or decreas\$3) with friction\$3 with (torque or rotation\$3) with (shaft or rod) with memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/17 15:00
S10	1	(spring with length with (increas\$3 or decreas\$3) with friction\$3 with (torque or rotation\$3) with memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/17 15:00
S11	5	(spring with (increas\$3 or decreas\$3) with friction\$3 with (torque or rotation\$3) with memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/17 15:00
S12	87	computer with hinge with cover with keyboard	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/17 15:07
S13	4	laptop with hinge with cover with keyboard	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/17 15:08
S14	3	(computer\$1 or laptop\$1) same (hinge with cover with (close or closing or closed or open\$3) with (weight or gravity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/17 15:10
S15	9	("4829633"   "5178481"   "5970819"   "5996132"   "6038739"   "6070298"   "6421878"   "6658699"   "6757940").PN. OR ("7219393").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/17 15:14

S16	0	(hinge with cover with (close or closing or closed or open\$3) with (weight or gravity) with memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/17 15:19
S17	48	(hinge with (close or closing or closed or open\$3) with shape with memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/17 15:19
S18	0	(hinge with (close or closing or closed or open\$3) with shape with memory with friction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/17 15:20
S19	0	(hinge with (close or closing or closed or open\$3) with shape with memory with friction\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/17 15:20
S20	21	(hinge with (close or closing or closed or open\$3) with (shape near memory near alloy\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/17 15:21
S21	1	(hinge with (close or closing or closed or open\$3) with (shape near memory near alloy\$1) with coil)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/17 15:21
S22	2	(hinge with (close or closing or closed or open\$3) with (shape near memory near alloy\$1) with (shaft\$3 or rod\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/17 15:22
S28	54	("1920898"   "1990103"   "2208887"   "2335581"   "2465088"   "2721635"   "3324502"   "3388417"   "4960256"). PN. OR ("5168426").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/19 22:39
S29	9	("4829633"   "5178481"   "5970819"   "5996132"   "6038739"   "6070298"   "6421878"   "6658699"   "6757940"). PN. OR ("7219393").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/19 22:50
S30	32	(computer with hinge with power with supply)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/19 22:52
S31	110	(computer with hinge with switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/19 22:58
S32	0	(computer with hinge with switch\$3 with authentic\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/19 22:59
S33	110	(computer with switch\$3 with authentic\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/19 23:00
S34	0	(computer with switch\$3 with authentic\$3) same hinge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/19 23:00

S35	0	(computer with switch\$3 with authentic\$3) same (laptop)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/19 23:00
S36	10	(computer with switch\$3 with authentic\$3) and (laptop)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/19 23:00
S37	0	(switch\$3 with authentic\$3) same (laptop\$1) same hinge\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/19 23:01
S38	4	(switch\$3 with authentic\$3) same (laptop\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/19 23:01
S39	110	(switch\$3 with authentic\$3 with (screen or output or input or keyboard))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/19 23:03
S40	7030	361/680,681,682,683.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 10:05
S41	8117	361/680,681,682,683,679.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 10:11
S42	2822	S41 and hinge\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 10:11
S43	103	S41 and (hinge\$1 with (shaft\$1 or rod \$1) with spring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 10:13
S44	18	("5001659"   "5237488"   "5267866"   "5379183"   "5451167"   "5467504").URN. OR ("5608604").URN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/20 10:50
S45	45	("0673000"   "1805324"   "4734955"   "5052078").PN. OR ("5195213").URN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/20 12:05
S46	1024	16/337,342.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 12:11
S47	314	S46 and (laptop\$1 or computer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 12:12
S48	291	S47 not S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 12:12

S49	20	S48 and ((interference or friction\$3) with coil with spring\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 12:12
S50	1812	248/917,918,919,920,921.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 12:35
S51	1316	S50 and (laptop\$1 or computer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 12:35
S52	10	S51 and ((interference or friction\$3) with coil with spring\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 12:36
S53	426	379/433.13.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 12:45
S54	3	S53 and ((interference or friction\$3) with coil with spring\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 12:45
S55	56	((laptop\$1 or computer\$1) with torque with releas\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 12:47
S56	0	hinge\$1 with ((torque near releas\$3) with ball\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 12:49
S57	0	hinge\$1 same ((torque near releas\$3) with ball\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 12:49
S58	106	((torque near releas\$3) with ball\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 12:49
S59	43	((torque near releas\$3) with ball\$1 with spring\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 12:50
S60	2	(lap adj top\$1) and ((reduc\$3 or reduction) with friction with (instruction\$1 or signal\$1 or input))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 12:57
S61	82	hinge\$1 and ((reduc\$3 or reduction) with friction with (instruction\$1 or signal\$1 or input))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 12:58
S62	14	S61 and (laptop\$1 or computer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 12:59

S63	9	((laptop\$1 or computer\$1) same ((electronic\$3 or electrically or electric or electronically) with friction with hinge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 13:01
S64	5	((laptop\$1 or computer\$1) same ((current or voltage) with friction with hinge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 13:03
S65	930319	((current or voltage) with (adjust\$3 or increas\$3 or decreas\$3) friction with hinge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 13:05
S66	2	((current or voltage) with (adjust\$3 or increas\$3 or decreas\$3) with friction with hinge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 13:05
S67	3498053	((adjust\$3 or increas\$3 or decreas\$3) with friction with hinge with signal or input)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 13:06
S68	3	((adjust\$3 or increas\$3 or decreas\$3) with friction with hinge with (signal or input))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 13:06
S69	2882	((adjust\$3 or increas\$3 or decreas\$3) with friction with (signal or input))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 13:09
S70	1	((adjust\$3 or increas\$3 or decreas\$3) with friction with (signal or input) with (controller or (control near unit)) with (shaft or rod) with spring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 13:10
S71	8	((friction with (signal or input) with (controller or (control near unit)) with (shaft or rod) with spring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 13:11
S72	8	((friction with (signal\$1 or input\$1 or instruction\$1) with (controller or (control near unit)) with (shaft or rod) with spring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 13:11
S73	2	((instruction with increas\$3 with friction with controller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 13:24
S74	75	((instruction or signal or input) with increas\$3 with friction with controller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 13:25
S75	1	((instruction or signal or input) with increas\$3 with friction with controller with spring with (shaft or rod))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 13:25
S76	5	((instruction or signal or input) with controller with spring with coil with diameter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 13:26

S77	285	((instruction or signal or input) with coil with diameter with (increas\$3 or reduc\$3 or decreas\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 13:29
S78	877257	((instruction or signal or input) with (controller\$1 or (control near unit)) coil with diameter with (increas\$3 or reduc\$3 or decreas\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 13:29
S79	4	((instruction or signal or input) with (controller\$1 or (control near unit)) with coil with diameter with (increas\$3 or reduc\$3 or decreas\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 13:29
S80	1	("7043797").PN.	USPAT	OR	OFF	2008/10/20 13:48
S81	16	("3039800"   "3576055"   "3886700"   "3986311"   "4035007"   "4296955"   "4671698"   "4832382"   "4842438"   "5197720"   "5433549"   "5464258"   "5858020"   "6257593"   "6530564").PN. OR ("6840700").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/20 14:14
S82	1	("6840700").PN.	USPAT	OR	OFF	2008/10/20 14:16
S83	0	((controller\$1 or (control near unit)) near coil near diameter near (increas\$3 or reduc\$3 or decreas\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 22:13
S84	0	((controller\$1 or (control near unit)) near coil near diameter near (increas\$3 or reduc\$3 or decreas\$3 or adjust\$3 or alter\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 22:14
S85	26	((controller\$1 or (control near unit)) near coil\$1 near (increas\$3 or reduc\$3 or decreas\$3 or adjust\$3 or alter\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 22:14
S86	0	((controller\$1 or (control near unit)) near coil\$1 near spring\$1 near (increas\$3 or reduc\$3 or decreas\$3 or adjust\$3 or alter\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 22:14
S87	13	((controller\$1 or (control near unit)) near spring\$1 near (increas\$3 or reduc\$3 or decreas\$3 or adjust\$3 or alter\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 22:14
S88	4	((controller\$1 or (control near unit)) with friction\$3 with resistance with coil with spring\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 22:20
S89	144	((controller\$1 or (control near unit)) with (band near brak\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 22:25
S90	1	((controller\$1 or (control near unit)) with (band near brak\$3) with hinge\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 22:25

S91	1110	188/72.1,73.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 23:54
S92	7	S91 and (hinge\$1 with friction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 23:54
S93	2462	188/77R,77W.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 23:57
S94	0	S93 and (hinge\$1 with ((control near unit) or controller))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 23:57
S95	0	S93 and (friction with ((control near unit) or controller))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 23:58
S96	2	S93 and (user with ((control near unit) or controller))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/20 23:58
S97	105	188/372,373.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 00:00
S98	11	S97 and hinge\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 00:00
S99	589	188/196p.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 00:01
S100	12	S99 and hinge\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 00:01
S101	1	"10/777396"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 00:04
S102	45	("0673000"   "1805324"   "4734955"   "5052078").PN. OR ("5195213"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/21 00:48
S103	126	(separate with power with (microprocessor or cput or (control adj unit)) with (motor with control \$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 11:31
S104	3	(separate with power with (microprocessor or cput or (control adj unit)) with (motor with control \$3)) and "188"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 11:31



S105	3	((separate with power with (microprocessor or cput or (control adj unit)) with (motor with control \$3)) and "303"/\$.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 11:32
S106	4	((separate or independent\$3) with power with (microprocessor or cput or (control adj unit)) with (motor with control\$3)) and "303"/\$.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 11:35
S110	100	((separate\$3 or independent\$3 or own) with supply with power with (microprocessor or cput or (control adj unit)) with (motor with control \$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 12:16
S111	0	S110 and "188"/\$.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 12:17
S112	1	S110 and "303"/\$.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 12:17
S113	8	((motor near power near supply) with ((controller or (control near unit)) near power near supply)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 12:25
S114	1	("7043797").PN.	USPAT	OR	OFF	2008/10/21 13:20
S115	701	((shaft\$1 with helical with groove\$1 with spring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 14:18
S116	59	S115 and hinge\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 14:18
S117	3	S115 and hinge\$1 and (computer or laptop)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 14:20
S118	4	((shaft\$1 with helical with groove\$1 with spring) with hinge\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 14:22
S119	8	((shaft\$1 or rod\$1) with helical with groove\$1 with spring) with hinge\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 14:24
S120	4	S119 not S118	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 14:24
S121	42	((helical with groove\$1 with spring) with hinge\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 23:09

S122	402	(helical with groove\$1 with spring with (fit\$3 or fitt\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 23:11
S123	90	(helical with groove\$1 with spring with (fit\$3 or fitt\$3) with (rod\$1 or shaft\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 23:11
S124	1	(helical with groove\$1 with spring with (fit\$3 or fitt\$3) with (rod\$1 or shaft\$1) with friction\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 23:19
S125	41	(helical with groove\$1 with spring with (rod\$1 or shaft\$1) with friction \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/21 23:20
S130	9	(material with surface with shaft with higher with coefficient with friction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/22 08:38
S131	0	(surface near (shaft or rod) near higher near coefficient near friction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/22 08:44
S132	1	((surface or coating) near (shaft or rod) near higher near coefficient near friction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/22 08:44
S133	50	((surface or coating) with (shaft or rod) with higher with coefficient with friction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/22 08:45
S134	12	((surface or coating) with (shaft or rod) with higher with coefficient with friction with material)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/22 08:45
S135	269	(user near authentication near (circuit or controller or control))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/22 08:57
S136	0	S135 with hinge\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/22 08:57
S137	0	S135 with (opening or closing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/22 08:57

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